

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/079,874**

DATE: 05/29/98  
TIME: 08:25:17

**INPUT SET: S26241.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

## SEQUENCE LISTING

(1) General Information

(i) APPLICANT: BILLING-MEDEL, PATRICIA  
COHEN, MAURICE  
COLPITTS, TRACEY L.  
FRIEDMAN, PAULA N.  
GRANADOS, EDWARD N.  
HODGES, STEVEN C.  
KLASS, MICHAEL R.  
KRATOCHVIL, JON D.  
ROBERTS-RAPP, LISA  
RUSSELL, JOHN C.  
STROUPE, STEPHEN D.

# ENTERED

(ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE URINARY TRACT

(iii) NUMBER OF SEQUENCES: 31

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Abbott Laboratories  
(B) STREET: 100 Abbott Park Road  
(C) CITY: Abbott Park  
(D) STATE: IL  
(E) COUNTRY: USA  
(F) ZIP: 60064-3500

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: DOS  
(D) SOFTWARE: FastSEO for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:  
(B) FILING DATE:  
(C) CLASSIFICATION:

090909Z JUL 75

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/079,874DATE: 05/29/98  
TIME: 08:25:18

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## (vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: 08/856,652
- (B) FILING DATE: 15-MAY-1997

## (viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Becker, Cheryl L.
- (B) REGISTRATION NUMBER: 35,441
- (C) REFERENCE/DOCKET NUMBER: 6106.US.P1

## (ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: 847/935-1729
- (B) TELEFAX: 847/938-2623
- (C) TELEX:

## (2) INFORMATION FOR SEQ ID NO:1:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 290 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ix) FEATURE:

- (A) NAME/KEY: base\_polymorphism
- (B) LOCATION: 31
- (D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

## (ix) FEATURE:

- (A) NAME/KEY: base\_polymorphism
- (B) LOCATION: 232
- (D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

## (ix) FEATURE:

- (A) NAME/KEY: base\_polymorphism
- (B) LOCATION: 275
- (D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

## (ix) FEATURE:

- (A) NAME/KEY: base\_polymorphism
- (B) LOCATION: 284
- (D) OTHER INFORMATION: /note= " N' represents an A or G or T or C polymorphism at this position"

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/079,874

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100	CATTTGAGGC	CATATAAAGT	CACCTGAGGC	NCTCTCCACC	ACAGCCCACC	AGTGACCATG	60
101	AAGGCTGTGC	TGCTTGCCCT	GTTGATGGCA	GGCTTGGCCC	TGCAGCCAGG	CACTGCCCTG	120
102	CTGTGCTACT	CCTGCAAAGC	CCAGGTGAGC	AACGAGGACT	GCCTGCAGGT	GGAGAACTGC	180
103	ACCCAGCTGG	GGGAGCAGTG	CTGGACCGCG	CGCATCCGCG	CAGTTGGCCT	CNTGACCGTC	240
104	ATCAGCAAAG	CTGCAGCTTG	AACTGCGTGG	ATGANTCACA	GGANTACTAC		290

105

106 (2) INFORMATION FOR SEQ ID NO:2:

107

108 (i) SEQUENCE CHARACTERISTICS:

109 (A) LENGTH: 293 base pairs

110 (B) TYPE: nucleic acid

111 (C) STRANDEDNESS: single

112 (D) TOPOLOGY: linear

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115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

116

117	GAGGCCCTCT	CCACCACAGC	CCACCAGTGA	CCATGAAGGC	TGTGCTGCTT	GCCCTGTTGA	60
118	TGGCAGGCTT	GGCCCTGCAG	CCAGGCACTG	CCCTGCTGTG	CTACTCCTGC	AAAGCCCAGG	120
119	TGAGCAACGA	GGACTGCCTG	CAGGTGGAGA	ACTGCACCCA	GCTGGGGGAG	CAGTGCTGGA	180
120	CCGCGCGCAT	CCGCGCAGTT	GGCTTCCTGA	CCGTCATCAG	CAAAGGCTGC	AGCTTGAAC	240
121	GCGTGATGA	CTCACAGGAC	TACTACGTGG	GCAAGAAGAA	CATCACGTGC	TGT	293

122

123 (2) INFORMATION FOR SEQ ID NO:3:

124

125 (i) SEQUENCE CHARACTERISTICS:

126 (A) LENGTH: 279 base pairs

127 (B) TYPE: nucleic acid

128 (C) STRANDEDNESS: single

129 (D) TOPOLOGY: linear

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132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

133

134	CAGTGACCAT	GAAGGCTGTG	CTGCTTGCCC	TGTTGATGGC	AGGCTTGGCC	CTGCAGCCAG	60
135	GCACTGCCCT	GCTGTGCTAC	TCCTGCAAAG	CCCAGGTGAG	CAACGAGGAC	TGCCCTGCAGG	120
136	TGGAGAACTG	CACCCAGCTG	GGGGAGCAGT	GCTGGACCGC	GCGCATCCGC	GCAGTTGGCC	180
137	TCCTGACCGT	CATCAGCAAA	GGCTGCAGCT	TGAACTGCGT	GGATGACTCA	CAGGACTACT	240
138	ACGTGGGCAA	GAAGAACATC	ACGTGCTGTG	ACACCGACT			279

139

140 (2) INFORMATION FOR SEQ ID NO:4:

141

142 (i) SEQUENCE CHARACTERISTICS:

143 (A) LENGTH: 207 base pairs

144 (B) TYPE: nucleic acid

145 (C) STRANDEDNESS: single

146 (D) TOPOLOGY: linear

147

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149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

150

151	GTGACCATGA	AGGCTGTGCT	GCTTGCCCTG	TTGATGGCAG	GCTTGGCCCT	GCAGCCAGGC	60
152	ACTGCCCTGC	TGTGCTACTC	CTGCAAAGCC	CAGGTGAGCA	ACGAGGACTG	CCTGCAGGTG	120

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PATENT APPLICATION US/09/079,874DATE: 05/29/98  
TIME: 08:25:23

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153 GAGAACTGCA CCCAGCTGGG GGAGCAGTGC TGGACCGCGC GCATCCGCGC AGTTGGCCTC 180  
154 CTGACCGTCA TCAGCAAAGG CTGCAGC 207  
155

## (2) INFORMATION FOR SEQ ID NO:5:

## (i) SEQUENCE CHARACTERISTICS:

- 158 (A) LENGTH: 265 base pairs  
159 (B) TYPE: nucleic acid  
160 (C) STRANDEDNESS: single  
161 (D) TOPOLOGY: linear  
162  
163  
164

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

165  
166  
167 CGAGGACTGC CTGCAGGTGG AGAACTGCAC CCAGCTGGGG GAGCAGTGCT GGACCGCGCG 60  
168 CATCCGCGCA GTTGGCCTCC TGACCGTCAT CAGCAAAGGC TGCAGCTTGA ACTGCGTGGA 120  
169 TGACTCACAG GACTACTACG TGGGCAAGAA GAACATCACG TGCTGTGACA CCGACTTGTG 180  
170 CAACGCCAGC GGGGCCCATG CCCTGCAGCC GGCTGCCGCC ATCCTTGCGC TGCTCCCTGC 240  
171 ACTCGGCCCTG CTGCTCTGGG GACCC 265  
172

## (2) INFORMATION FOR SEQ ID NO:6:

## (i) SEQUENCE CHARACTERISTICS:

- 173 (A) LENGTH: 230 base pairs  
174 (B) TYPE: nucleic acid  
175 (C) STRANDEDNESS: single  
176 (D) TOPOLOGY: linear  
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## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

182  
183  
184 GTGCTGTGAC ACCGACTTGT GCAACGCCAG CGGGGCCCAT GCCCTGCAGC CGGCTGCCGC 60  
185 CATCCTTGCG CTGCTCCCTG CACTCGGCCT GCTGCTCTGG GGACCCGGCC AGCTATAGGC 120  
186 TCTGGGGGGC CCCGCTGCAG CCCACACTGG GTGTGGTGCC CCAGGCCTCT GTGCCACTCC 180  
187 TCACAGACCT GGCCAGTGG GAGCCTGTCC TGTTCTCTGA GGCACATCCT 230  
188

## (2) INFORMATION FOR SEQ ID NO:7:

## (i) SEQUENCE CHARACTERISTICS:

- 189 (A) LENGTH: 233 base pairs  
190 (B) TYPE: nucleic acid  
191 (C) STRANDEDNESS: single  
192 (D) TOPOLOGY: linear  
193  
194  
195  
196

## (ix) FEATURE:

- 197 (A) NAME/KEY: base\_polymorphism  
198 (B) LOCATION: 70  
199 (D) OTHER INFORMATION: /note= " N' represents an A or G or  
200 T or C polymorphism at this position"  
201  
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## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

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# RAW SEQUENCE LISTING PATENT APPLICATION US/09/079,874

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TIME: 08:25:24

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206	CTGGCCCAGT	GGGAGCCTGT	CCTGGTTCCT	GAGGCACATC	CTAACGCAAG	TCTGACCATG	60
207	TATGTCTGCN	CCCCTGTCCC	CCACCCTGAC	CCTCCCATGG	CCCTCTCCAG	GACTCCCACC	120
208	CGGCAGATCA	GCTCTAGTGA	CACAGATCCG	CCTGCAGATG	GCCCCCTCAA	CCCTCTCTGC	180
209	TGCTGTTTCC	ATGGCCCAGC	ATTCTCCACC	CTTAACCCTG	TGCTCAGGCA	CCT	233

210

211 (2) INFORMATION FOR SEQ ID NO:8:

212

213 (i) SEQUENCE CHARACTERISTICS:

214 (A) LENGTH: 250 base pairs

215 (B) TYPE: nucleic acid

216 (C) STRANDEDNESS: single

217 (D) TOPOLOGY: linear

218

219 (ix) FEATURE:

220 (A) NAME/KEY: base\_polymorphism

221 (B) LOCATION: 60

222 (D) OTHER INFORMATION: /note= " N' represents an A or G or  
223 T or C polymorphism at this position"

224

225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

226

227	GTCCCTGGTTC	CTGAGGCACA	TCCTAACGCA	AGTCTGACCA	TGTATGTCTG	CACCCCTGTN	60
228	CCCCACCCTG	ACCCTCCCAT	GGCCCTCTCC	AGGACTCCCA	CCCGGCAGAT	CAGCTCTAGT	120
229	GACACAGATC	CGCCTGCAGA	TGGCCCCCTC	AACCCCTCTC	GCTGCTGTTT	CCATGGCCCCA	180
230	GCATTCTCCA	CCCTTAACCC	TGTGCTCAGG	CACCTCTTCC	CCCAGGAAGC	CTTCCCTGCC	240
231	CACCCCATCT						250

232

233 (2) INFORMATION FOR SEQ ID NO:9:

234

235 (i) SEQUENCE CHARACTERISTICS:

236 (A) LENGTH: 259 base pairs

237 (B) TYPE: nucleic acid

238 (C) STRANDEDNESS: single

239 (D) TOPOLOGY: linear

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241

242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

243

244	TAACCCTGTG	CTCAGGCACC	TCTTCCCCCA	GGAAGCCTTC	CCTGCCCACC	CCATCTATGA	60
245	CTTGAGCCAG	GTCTGGTCCG	TGGTGTCCCC	CGCACCACAG	AGGGGACAGG	CACTCAGGAG	120
246	GGCCCAGTAA	AGGCTGAGAT	GAAGTGGACT	GAGTAGAACT	GGAGGACAAG	AGTCGACGTG	180
247	AGTTCCTGGG	AGTCTCCAGA	GATGGGGCCT	GGAGGCCTGG	AGGAAGGGGC	CAGGCCTCAC	240
248	ATTCGTGGGG	CTCCCTGAA					259

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250 (2) INFORMATION FOR SEQ ID NO:10:

251

252 (i) SEQUENCE CHARACTERISTICS:

253 (A) LENGTH: 253 base pairs

254 (B) TYPE: nucleic acid

255 (C) STRANDEDNESS: single

256 (D) TOPOLOGY: linear

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/079,874**

DATE: 05/29/98  
TIME: 08:25:26

***INPUT SET: S26241.raw***

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